

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,633,851 B2  
APPLICATION NO. : 10/761708  
DATED : December 15, 2009  
INVENTOR(S) : Simone Mazzoni et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page:

The first or sole Notice should read --

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1730 days.

Column 1, line 25

The line “ficients  $A_1.e^{j\phi_1}$  to  $A_N.e^{j\phi_N}$ . Each coefficient  $A_i.e^{j\phi_i}$ , where i” should read

--ficients  $A_1.e^{j\phi_1}$  to  $A_N.e^{j\phi_N}$ . Each coefficient  $A_i.e^{j\phi_i}$ , where i--.

Column 1, line 27

The line “frequency or tone  $f_i$ . The transform of a  $A_i.e^{j\phi_i}$  coefficient is a” should read

--frequency or tone  $f_i$ . The transform of a coefficient  $A_i.e^{j\phi_i}$  is a--.

Column 1, line 34

The line “obtained by IFFT of coefficients  $A_2.e^{j\phi_2}$  and  $A_N.e^{j\phi_N}$ , ” should read --obtained by

IFFT of coefficients  $A_2.e^{j\phi_2}$  and  $A_N.e^{j\phi_N}$ , --.

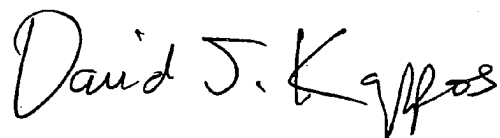
Column 1, line 36

The line “An IFFT of the group of  $A_i.e^{j\phi_i}$  coefficients is formed by” should read --An IFFT of the

group of coefficients  $A_i.e^{j\phi_i}$  is formed by--.

Signed and Sealed this

Thirtieth Day of November, 2010



David J. Kappos  
Director of the United States Patent and Trademark Office

Column 1, line 38

The line “IFFT of each of coefficients  $A_i \cdot e^{j\phi_i}$  for i included between 1” should read --IFFT of each of coefficients  $A_i \cdot e^{j\phi_i}$  for i included between 1--.

Column 1, line 55

The line “cyclic prefix of  $\tau$  samples. The complex coefficients  $A_i \cdot e^{j\phi_i}$ ” should read --cyclic prefix of  $\tau$  samples. The complex coefficients  $A_i \cdot e^{j\phi_i}$  --.

Column 3, lines 38-40

The lines “cients  $A_1 \cdot e^{j\phi_1}$  to  $A_N \cdot e^{j\phi_N}$  multiplied according to the present invention by respective shifting coefficients  $e^{jK_1\tau}$  to  $e^{jK_N\tau}$ . Multiplying a coefficient  $A_i \cdot e^{j\phi_i}$  by a complex coefficient  $e^{j\Delta\phi}$ ” should read --cients  $A_1 \cdot e^{j\phi_1}$  to  $A_N \cdot e^{j\phi_N}$  multiplied according to the present invention by respective shifting coefficients  $e^{jK_1\tau}$  to  $e^{jK_N\tau}$ . Multiplying a coefficient  $A_i \cdot e^{j\phi_i}$  by a complex coefficient  $e^{j\Delta\phi}$  --.

Column 3, line 47

The line “cients  $A_1 \cdot e^{j\phi_1}$  to  $A_N \cdot e^{j\phi_N}$  are phase-shifted so that the corre--” should read --cients  $A_1 \cdot e^{j\phi_1}$  to  $A_N \cdot e^{j\phi_N}$  are phase-shifted so that the corre--.

Column 3, line 50

The line “each coefficient  $A_i \cdot e^{j\phi_i}$  is multiplied by a coefficient  $e^{jK_i\tau}$ , ” should read --each coefficient  $A_i \cdot e^{j\phi_i}$  is multiplied by a coefficient  $e^{jK_i\tau}$ , --.

Column 3, line 52

The line “sinusoid sections corresponding to coefficients  $A_i \cdot e^{j\phi_i} \cdot e^{jK_i\tau}$ , ” should read --sinusoid sections corresponding to coefficients  $A_i \cdot e^{j\phi_i} \cdot e^{jK_i\tau}$ , --.

Column 3, line 55

The line “Coefficients  $e^{jK_i\tau}$  are predetermined, and they can for” should read --Coefficients  $e^{jK_i\tau}$  are predetermined, and they can for--.

Column 3, line 61

The line “coefficients  $A_i \cdot e^{j\phi_i}$  for  $i \in [1, N]$  are provided to IFFT circuit 12” should read

--coefficients  $A_i \cdot e^{j\phi_i}$  for  $i \in [1, N]$  are provided to IFFT circuit 12--.

Column 3, line 64

The line “  $e^{jK_i \tau}$  ” should read --  $e^{jK_i \tau}$  --.

Column 4, line 56

The line “second number (N-n) of samples starting at an intermediate” should read --second number (N-n+1) of samples starting at an intermediate--.

Column 5, line 28

The line “second number (N-n) of samples starting at an intermediate” should read --second number (N-n+1) of samples starting at an intermediate--.

Column 5, line 37

The line “proportional respective the frequency with which it is” should read --proportional to the respective frequency with which it is--.